

FIG. 1

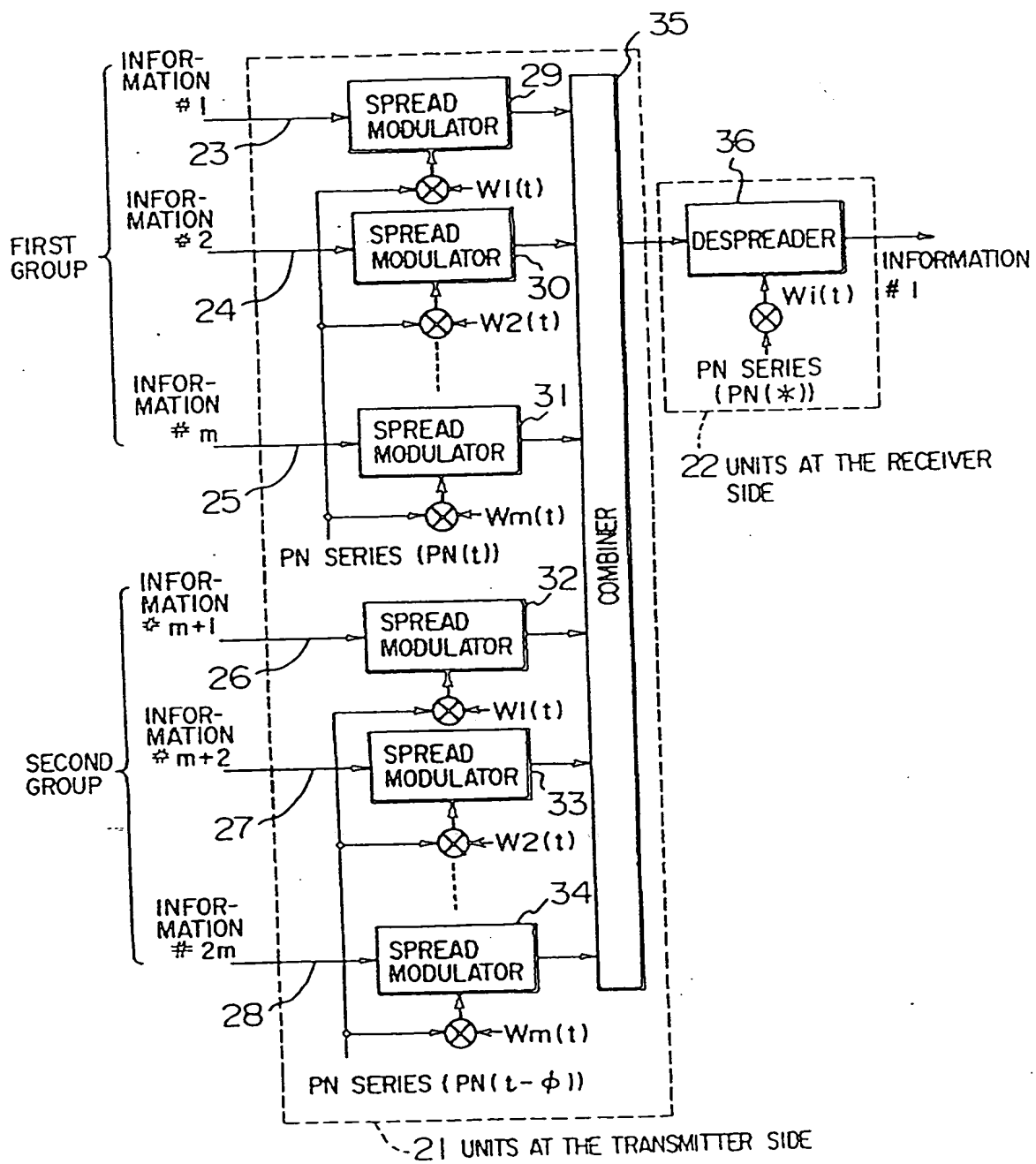
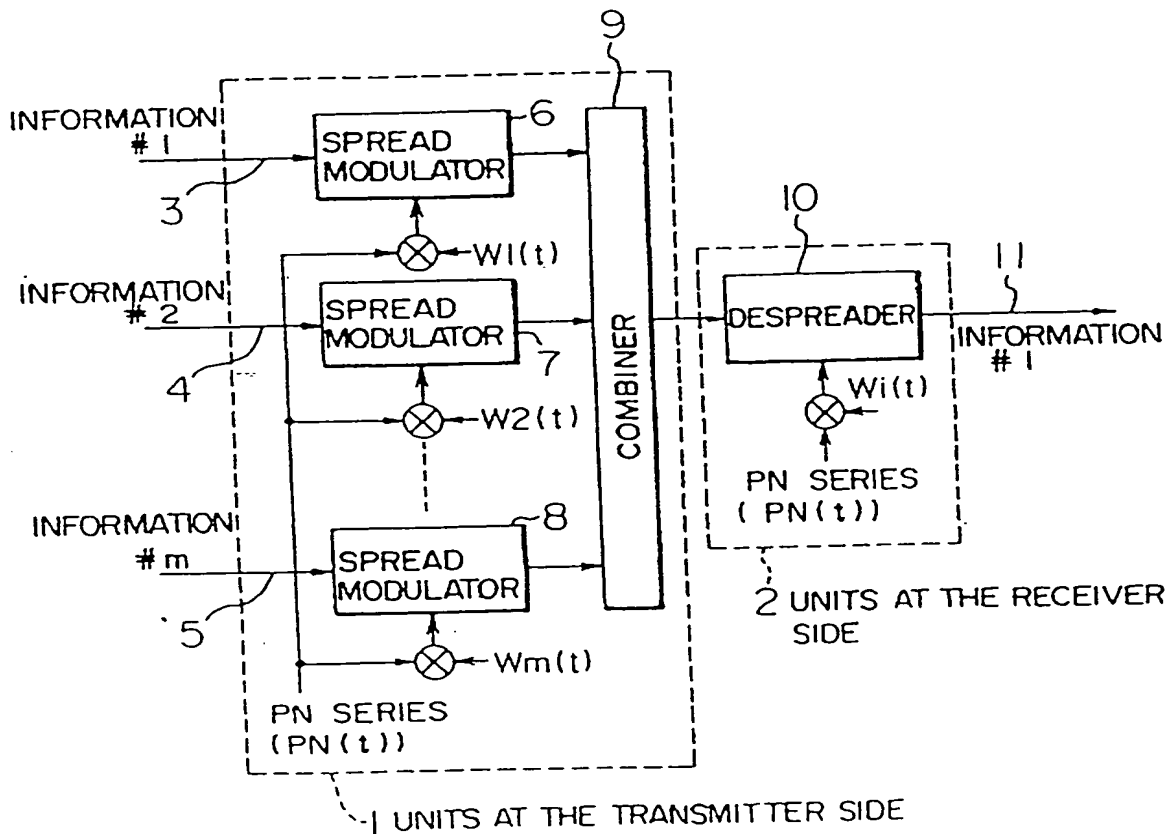


FIG. 2

CHANNEL NUMBER	ORTHOGONAL SPREAD CODE	(X)	PN SERIES	SPREAD CODE
# 1	$W_1(t)$	(X)	$PN(t)$	FIRST GROUP
# 2	$W_2(t)$	(X)	$PN(t)$	
...	
# m	$W_m(t)$	(X)	$PN(t)$	SECOND GROUP
# (m+1)	$W_1(t)$	(X)	$PN(t-\phi)$	
# (m+2)	$W_2(t)$	(X)	$PN(t-\phi)$	
...	
# (2m)	$W_m(t)$	(X)	$PN(t-\phi)$	

FIG. 3 PRIOR ART



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FIG. 4
PRIOR ART

CHANNEL NUMBER	ORTHOGONAL SPREAD CODE	(X) PN SERIES	SPREAD CODE
#1	$W_1(t)$	(X)	$PN(t)$
#2	$W_2(t)$	(X)	$PN(t)$
...
#m	$W_m(t)$	(X)	$PN(t)$

FIG. 5
PRIOR ART

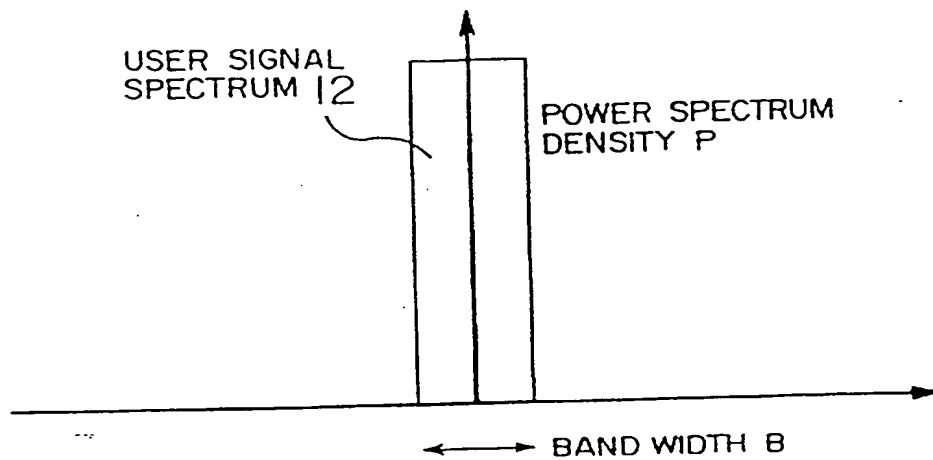


FIG. 6
PRIOR ART

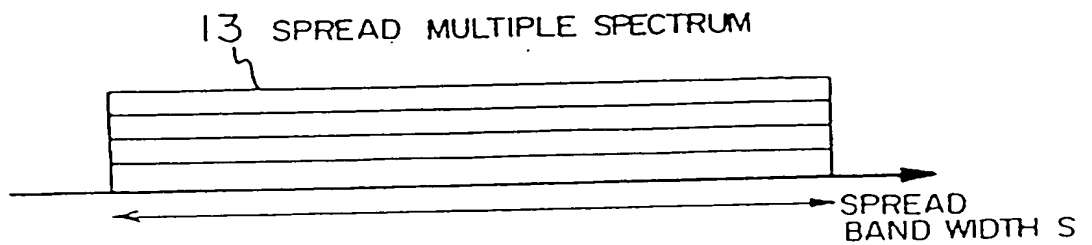


FIG. 7
PRIOR ART

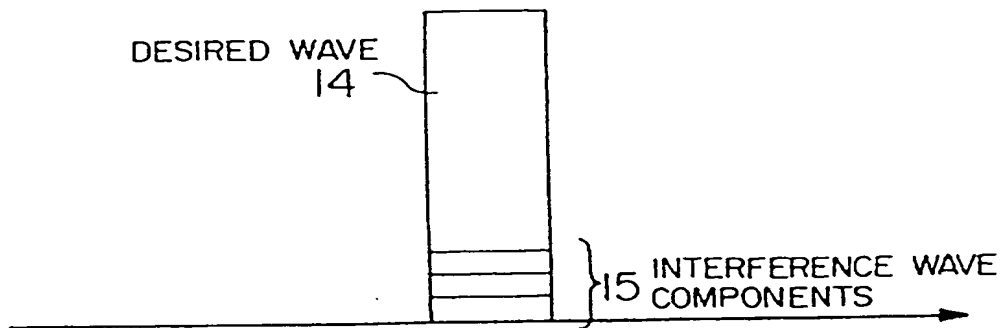


FIG. 8

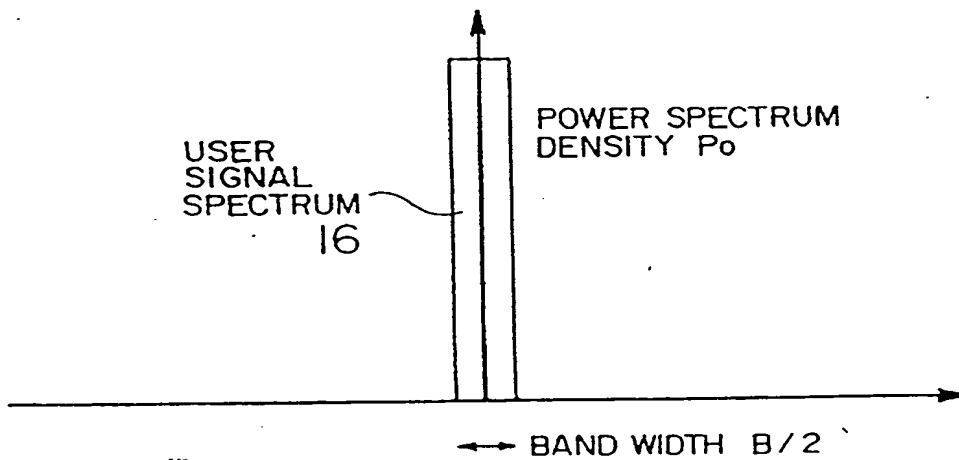
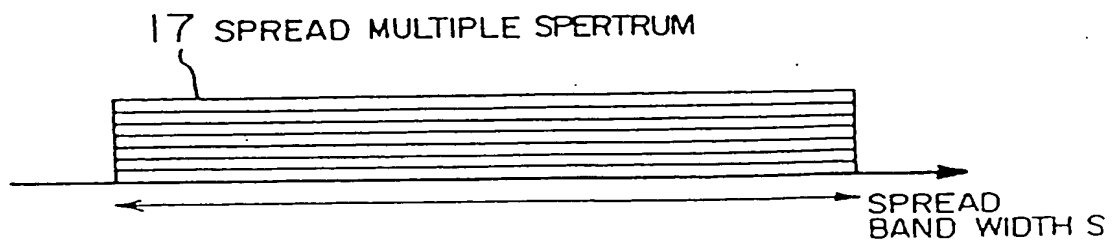


FIG. 9



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FIG. 10

